

C598 0001  
GNM/bds

Paper No.: \_\_\_\_\_

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Inventor(s): TINNEMEYER, Jorn  
Title: FUZZY LOGIC METHOD AND APPARATUS FOR BATTERY STATE  
OF HEALTH DETERMINATION  
Serial No.: 09/933,743  
Filed: 22 August 2001  
Examiner: Art Unit: 2122  
Date: 14 May 2002

Commissioner for Patents  
Washington, D.C. 20231

**COPY**

Dear Sir:

**Disclosure Statement Pursuant to 37 C.F.R. §1.56**

Preliminary to the examination of this application, the applicant wishes to draw the Examiner's attention to the references listed on the attached copy of form PTO-1449. For the Examiner's convenience, copies of each of the listed references are submitted herewith.

**REMARKS**

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

By:

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Encl.

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Dear Sir:

**LIST OF PATENTS AND PUBLICATIONS FOR  
 APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
 [Form PTO-1449 (Modified)]**

**United States Patent Documents**

Examiner	ID	Patent No.	Issue Date	Inventor(s)	Class	Sub-Cl	Filing Date
	US: 1	6,072,299	6 Jun. 2000	Kurle et al.			
	US: 2	5,977,750	2 Nov. 1999	Ng et al.			
	US: 3	WO 00/19578	6 Apr. 2000	Maio et al.			
	US: 4	WO 98/40925	17 Sept. 1998	Singh et al.			
	US: 5	5,739,673	14 Apr. 1998	Le Van Sun			
	US: 6	5,714,866	3 Feb. 1998	S et al.			
	US: 7	5,372,898	13 Dec. 1994	Arwater et al.			

**Other Art**

Examiner	ID	Author, Title, Date, Pertinent Pages, etc.
	OA: 1	HUET, P., <i>A review of impedance measurements for determination of the state-of-charge or state-of-health of secondary batteries</i> , Journal of Power Sources 70 (1998) p. 59-69.
	OA: 2	Byers et al., <i>J. Electrochemical Soc.</i> 126 (1979) p. 720-725
	OA: 3	SINGH et al., <i>A Fuzzy System Methodology to Determine State-of-Charge in Primary Li/SO<sub>2</sub> and Other Batteries</i>

Examiner: \_\_\_\_\_

Date Considered: \_\_\_\_\_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.